

Eastman Chemical Company

Opportunity

The Eastman Chemical Company (NYSE: EMN) is a Fortune 500 manufacturer of chemicals, fibers and plastics used in developing a wide array of everyday products. Eastman's chemical products can be found as part of automotive paints, cosmetics, printing inks, beverages, pharmaceuticals and other consumer products around the world.

Eastman previously depended on a legacy closed-circuit TV (CCTV) surveillance solution to capture video stored on digital video recorders (DVRs). Physical handling of video disks and DVR maintenance proved cumbersome and time consuming. And when Eastman needed to install additional cameras, a single new camera often required its own DVR. In addition, the CCTV system did not support megapixel cameras required by CFATS to enable enhanced perimeter views.

To comply with the Department of Homeland Security's Chemical Facility Anti-Terrorism Standards (CFATS) and its own focus on safety and security, the organization required a powerful, reliable and highly scalable physical security solution at its corporate headquarters in Kingsport, Tenn. and manufacturing facilities in Jefferson, Pa. and Longview, Texas.

Solution

Verint® Enterprise Video Management (VMS)—including video management software and encoders—that leverage the EMC® CLARiiON® networked storage system.

Keeping true with their corporate tag line, "The Results of Insight", Eastman sought a physical security solution combining cutting-edge IP video technology with an advanced storage platform. Based on a successful track record and proven partnership in the enterprise and critical infrastructure marketplace, Verint and EMC emerged as the ideal technology providers to meet its needs.

The Verint solution performs in conjunction with EMC CLARiiON storage to continuously record and archive video data for viewing incidents in real time from virtually anywhere. The Verint-EMC joint solution optimizes management of video surveillance data including capture, monitoring, analytics, and archiving—providing a reliable, scalable, and effective IP video solution.

The scalable and open architecture of the EnterpriseVMS platform has helped ease Eastman Chemical's transition to the new surveillance system. Keith Bennett, Eastman's site security manager explains, "The architecture is very open so we've been able to use our existing analog cameras, transmitters, and controllers until they reach end of life."



Customer

Eastman Chemical Company



Industry

Critical Infrastructure



Solutions

Verint Enterprise Video Management Software



Region

Americas

Eastman Chemical Company

“The ability to get technical issues resolved quickly during implementation was impressive.”

– Kirk Jones, Security Technologist, Eastman Chemical Company

Expertise and partner relationships also contributed to a successful deployment. “Verint and EMC have demonstrated that they work extremely well together, and both companies understand our security requirements. With their help, we set up a compatibility lab onsite to test different equipment in a production environment. The result was a stable and reliable solution that we have been very pleased with,” comments Bennett.

Kirk Jones, Eastman’s security technologist, adds, “The ability to get technical issues resolved quickly during implementation was impressive. Ongoing support from Verint, EMC, and Orion has been excellent. The team’s data storage expertise and knowledge of the latest security technologies are extremely valuable.”

The centralized management and virtualization capabilities of the Verint platform and EMC CLARiiON storage solution have allowed Eastman Chemical to derive significant value and efficiency from its physical security investments. Rather than expanding its security command center to support additional equipment, the organization placed the physical security solution in a data center managed by the IT organization. Leveraging the advanced capabilities of CLARiiON, Eastman was able to minimize data center floor space and server hardware maintenance costs.

“We avoided significant capital expenditures by selecting a centralized, virtualized solution,” Jones notes. “There also were economies of scale by leveraging existing IT resources and facilities to support the surveillance system.”

Results

The physical security solution from Verint and EMC provides more comprehensive and responsive security across Eastman’s corporate headquarters and manufacturing facilities. Leveraging the advanced capabilities of the Verint EnterpriseVMS, security officers can customize live and recorded views for increased flexibility and thorough investigations. With digital storage and data management, the organization can review video more quickly and increase responsiveness in urgent security situations.

Working with law enforcement agencies is also a component of CFATS and a partnership that Eastman has accomplished successfully. On several occasions, captured video has been shared with government agencies and has helped lead to arrests and convictions. “Verint allows for the simple creation of a DVD to be provided to local law enforcement,” adds Jones.

With Verint, Eastman is able to easily extend the solution to other sites around the country. “The system is very scalable,” Jones says. “Adding a new camera is as simple as entering a new IP address. And when we need to expand the infrastructure, virtual servers and disks can be added on the fly. We also have flexibility to support the latest equipment and security standards.”

Eastman is using the robust physical security solution from Verint to further its focus on and commitment to securing people, property and assets while innovating practical solutions that help make the world a better place.

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